

ALUMINUM FORGING

Since 1854, CONDAT formulates and produces a wide range of lubricants, metal-forming products, coatings and special products for the world of industry. Based on 165 years' expertise, CONDAT has focused on designing products with high added technical value for numerous applications and earned worldwide

recognition in leading high-tech markets: tunneling, wire drawing, forging, industrial maintenance... Its international presence allows a privileged proximity with its customers, nurturing an approach based on permanent innovation and product development.



MORE THAN 165 YEARS EXPERTISE

192 M€ turnover



700 employees worldwide



30 technologies mastered

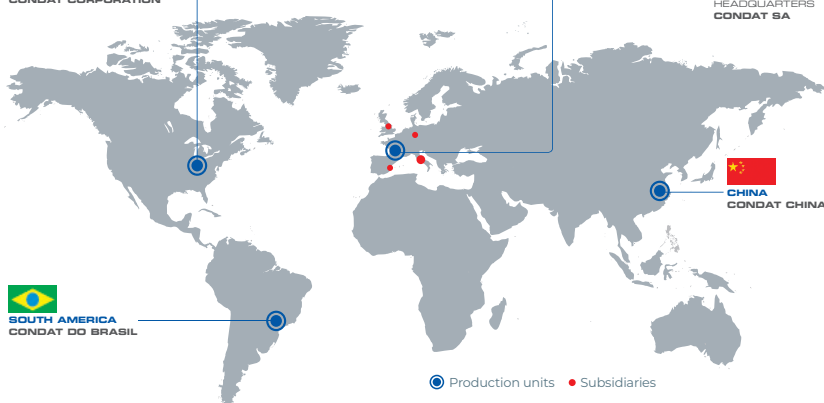


74 agents and distributors



4 production sites ISO 9001 certified


NORTH AND CENTRAL AMERICA
CONDAT CORPORATION




FRANCE
HEADQUARTERS
CONDAT SA


CHINA
CONDAT CHINA


SOUTH AMERICA
CONDAT DO BRASIL

● Production units ● Subsidiaries



42 markets application fields



2 000 products



Innovation
15% turnover achieved with products less than 3 years old



Sustainable strategy
30% of low carbon raw materials



100% independent company

YOUR FORGING LUBRICANT PARTNER

For more than 25 years, CONDAT has earned solid expertise in the forging activity and works now with more than 250 industrial partners all across the world. We offer a wide range of dedicated products from graphited oil-based lubricants to water-based graphite-free solutions and because each forging plant is different,

CONDAT also develops tailor-made lubricants to answer your specific needs. CONDAT experts can assess your process and guide you to the best lubrication strategy. They can also advise on dilution and spraying equipment with a range of specific solutions.

CONDAT LUBRISCORE®

A rating for our eco-designed products

In order to provide our customers better readability and total transparency on our products, CONDAT launches the LUBRISCORE® in July 2020

The LUBRISCORE® is a scoring grid that enables our products to be rated according to a self-assessment method based on life cycle criteria, including the impact on People and the Environment: Raw materials and design / Production / Transport / Use / End of life. The LUBRISCORE® comes out of this scoring and grants the product with an associated number of stars.

The more eco-designed a lubricant is, the higher the number of stars it gets. Ratings range from 0 to 3 stars.



ALUMINUM

With a density equal to a third of steel, Aluminum has always been a metal of choice for several industries in their objectives of light weighting. It's also a soft and ductile metal which are two important parameters for forging operations. Aerospace was the first industry using it massively and several alloys were developed to respond to aircrafts conceptions thanks to its good fatigue resistance, high strength, corrosion resistance and of course its lightweight features.

Price was often a limit for this metal deployment in the past but with the increasing demand and the new alloys conception, aluminum is nowadays widely used. Today, it's one of the key elements for the next electrical vehicles generation.

To obtain the best of its strength and resistance performances, forging operations are needed. So it has to be handled with care and with dedicated lubricant solutions.

CONDAT LUBRICANT SOLUTIONS



WATER-BASED GRAPHITED LUBRICANTS

	Dry extract	Applications	Products benefits
CONDAFORGE AL 647	21%	Designed for conventional aluminum medium complexity parts forging like suspension arms	<ul style="list-style-type: none"> Water-based solution Good adhesion on hot surfaces High dry extract
CONDAFORGE AL 637	33%	Designed for conventional aluminum complex parts forging like turbine blades	<ul style="list-style-type: none"> Water-based solution High lubrication performances
CONDAFORGE 28	50%	Emulsion designed for conventional aluminum complex parts forging	<ul style="list-style-type: none"> Water-based solution High dry extract High lubrication performances
CONDAFORGE AL ISO 11	19%	Designed for isothermal aluminum medium to complex parts forging like aerospace structural parts	<ul style="list-style-type: none"> Water-based solution Eco-designed solution through LUBRISCORE®
CONDAFORGE 607	42%	Designed for conventional aluminum complex parts forging like turbine blades	<ul style="list-style-type: none"> Water-based solution High dry extract High lubrication performances

Overhead is a not an exhaustive list of what CONDAT can offer. Please contact our dedicated Team to discover more.



OIL-BASED GRAPHITED LUBRICANTS

	Dry extract	Applications	Products benefits
CONDAFORGE 670	15%	Designed for isothermal aluminum complex parts forging like aerospace structural parts	<ul style="list-style-type: none"> High flash point Anti-wear additives Extreme pressure additives MSDS free from pictograms Eco-designed solution through LUBRISCORE®
CONDAFORGE 627	9%	Designed for isothermal aluminum complex parts forging like aerospace structural parts	<ul style="list-style-type: none"> High lubrication performances
CONDAFORGE 24	32%	Designed for conventional aluminum complex parts forging like pressurized cartridge	<ul style="list-style-type: none"> MSDS free from pictograms High dry extract High lubrication performances
CONDAFORGE 288	20%	Designed for conventional aluminum medium complexity parts forging	<ul style="list-style-type: none"> MSDS free from pictograms Anti-wear additives Extreme pressure additives
CONDAFORGE 303	21%	Designed for conventional aluminum medium complexity parts forging like long & heavy parts	<ul style="list-style-type: none"> High flash point MSDS free from pictograms Anti-wear additives Extreme pressure additives Eco-designed solution through LUBRISCORE®

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SYNTHETIC WATER-BASED LUBRICANTS

	Dry extract	Applications	Products benefits
ORAFOR WD	28%	Designed for conventional aluminum medium complexity parts forging	<ul style="list-style-type: none"> Water-based solution Graphite free High dry extract
ORAFOR K20	23%	Designed for conventional aluminum simple parts forging like motorcycles & bikes pieces	<ul style="list-style-type: none"> Water-based solution Graphite free MSDS free from pictograms Eco-designed solution through LUBRISCORE®
ORAFOR AL 5	25%	Designed for conventional aluminum complex parts calibration like structural parts	<ul style="list-style-type: none"> Water-based solution Graphite free Ready For Use

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